



**WHITE OAK | HEBRON CHURCH |
ACKERMAN**

DESIGN REVIEW MEETING

Next Presentation Begins
in: 1:00

An aerial photograph of a suburban area with houses, trees, and a road. A large blue circle is centered on the image, and a smaller yellow circle is positioned at the center of the blue circle.

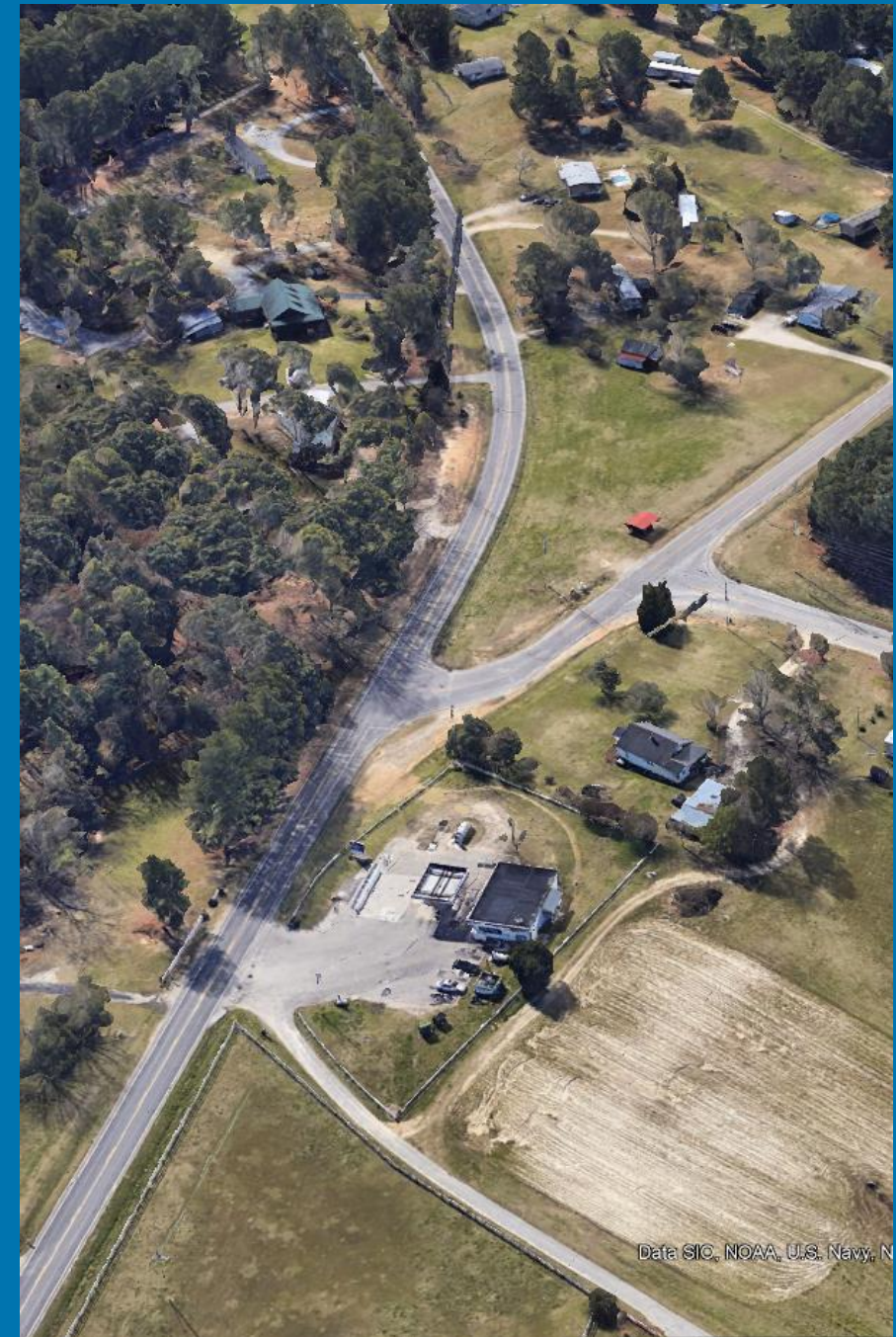
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DESIGN REVIEW MEETING

PUBLIC MEETING
PRESENTATION
SEPTEMBER 19, 2019

PROJECT OVERVIEW

- Project purpose: Improve White Oak / Hebron CH / Ackerman intersection safety and operations
 - Safety concerns due to intersection skewed geometry and close intersection spacing
 - Operational (capacity) concerns due to:
 - Opening of Bryan Road Elementary / South Garner High
 - New/planned residential development along Ackerman
 - Increased commuter traffic from south
- Planning Study (2018)
 - Conducted traffic and environmental studies
 - Developed and shortlisted alternatives
 - Held stakeholder and public involvement meetings



Data SIC, NOAA, U.S. Navy, N

PUBLIC ENGAGEMENT

- 4/16/18 Stakeholder Meeting
 - Potentially impacted property owners and agencies
 - Presented four shortlisted alternative
 - Resulted in shortlist of two final alternatives
- 5/18/18 Public Open House
 - 48 citizens participated
 - Presented information on two final alternatives
 - Feedback and comment cards received showed strongest support for roundabout concept
 - Recommendation was presented to Town Council, who approved moving forward with the roundabout design



RECOMMENDED PARTIAL DUAL ROUNDABOUT

Measure	Results
Description	Construct partial dual-lane roundabout at White Oak/Hebron Church/Ackerman intersection; eliminates existing signal
Design	170-foot diameter, four-leg roundabout; No provision for Ackerman Road Extension
Operations	2022 Intersection Level of Service: AM – A; PM – B; longest queues: 150'
Cost Estimate (2018 Dollars)	\$1.2 to \$1.5 million
Other Issues	Significant utility relocation required; would be first roundabout with dual-lane configuration in the jurisdiction



Design Concept

- Design plans 65% complete; plans will soon be submitted for review by NCDOT
- Boards with project design details are available at tables next room for review and comment



PROJECT SCHEDULE

- Planning and Concept Phase
 - Completed in 2018; selected roundabout as preferred intersection improvement
- Design Phase
 - Procured funding from Capital Area Metropolitan Planning Organization (CAMPO) through Locally Administered Projects Program (LAPP) for ROW and construction; funds available as of August 2019
 - Held utilities coordination meeting in August 2019 (key driver to schedule)
 - Preliminary plans to be submitted to NCDOT shortly after this public meeting
- Construction Phase
 - Construction schedule TBD based on utility and right-of-way

PUBLIC MEETING PURPOSE

- Provide the project team your verbal and written comments on project design
- Be sure to:
 - Fill out sign-in sheet
 - Engage with project staff to ask questions and provide comments
 - Fill out and leave a comment card
- Thank you for your participation!



Chris Johnson,
Town Engineer



Jonathan Reid,
Consultant Mgr



John Hodges,
Asst. Town Manager



Robert Moser,
Design Engineer



Gabriela Lontos-Lawlor
Asst. Planner



Leah Harrison,
Asst. Town
Engineer



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DESIGN REVIEW MEETING

PLEASE PROCEED TO ROOM IN THE REAR TO ENGAGE WITH PROJECT
STAFF

THANK YOU!